

What is Claimed is:

1. A lantern flashlight power source adaptor usable with a battery having an electrical socket, comprising:
 - a member;
 - an electrical plug supported by the member and the electrical plug being
 - 5 dimensioned and configured to be connectable with an electrical socket of a battery;
 - and
 - at least one terminal connector connected in circuit with the electrical plug and being located on the member.
2. The adaptor of claim 1, wherein the at least one terminal connector comprises a plurality of terminal connectors being disposed symmetrically about a central axis of the member.
3. The adaptor of claim 1, further comprising a battery having an end and wherein:
 - the member comprises a plate portion and a plurality of side wall portions
 - which together form a cap structure and wherein the cap structure is dimensioned
 - and configured to fit over and cover the end of the battery.
4. The adaptor of claim 3, wherein the member comprises a holding strap configured to retain the member adjacent the end of the battery.

5. The adaptor of claim 1 wherein the electrical plug is configured to engage an electrical socket of a battery having the department of defense designation BA-5590/U.
6. The adaptor of claim 1 wherein the support member comprises a moldable polymeric material.
7. The adaptor of claim 6 wherein the electrical plug is integrally formed with the member.
8. The adaptor of claim 1, further comprising an electrical disconnect circuit connected in circuit with the electrical plug.
9. The adaptor of claim 1, wherein the electrical disconnect circuit comprises a comparator.
10. The adaptor of claim 1, further comprising a DC voltage downconverter circuit connected in circuit with the electrical plug.

11. A lantern power source adaptor usable with a battery having an electrical socket, comprising:
- a member;
 - an electrical plug supported by the member and the electrical plug being
 - 5 dimensioned and configured to be connectable with an electrical socket of a battery;
 - at least one terminal connector located on the member;
 - an electrical disconnect circuit connected in circuit with the electrical plug; and
 - an electrical down converter circuit connected in circuit with the electrical plug.
12. The adaptor of claim 11, wherein the at least one terminal connector comprises a plurality of terminal connectors being disposed symmetrically about a central axis of the member.
13. The adaptor of claim 11, further comprising a battery having an end and wherein:
- the member comprises a plate portion and a plurality of side wall portions
 - which together form a cap structure and wherein the cap structure is dimensioned and configured to fit over and cover the end of the battery.
14. The adaptor of claim 13, wherein the member comprises a holding strap configured to retain the member adjacent the end of the battery.

15. The adaptor of claim 11 wherein the electrical plug is configured to engage an electrical socket of a battery having the department of defense designation BA-5590/U.

16. The adaptor of claim 11 wherein the member comprises a moldable polymeric material.

17. The adaptor of claim 16 wherein the electrical plug is integrally formed with the member.

18. A lantern power source adaptor usable with a battery, comprising:

a member;

means for electrically connecting with an electrical output of a battery, the battery connecting means being supported by the member;

5 terminal connector means for connecting with a lantern and the terminal connector means being located on the member;

means for disconnecting the battery at a predetermined voltage being in circuit with the battery connecting means; and

means for downconverting a voltage of the battery being connected in circuit

10 with the battery connecting means.

19. The adaptor of claim 18 wherein the battery connecting means is configured to engage an electrical socket of a battery having the department of defense designation BA-5590/U.

20. The adaptor of claim 19 wherein the support member comprises a moldable polymeric material.